

## AMENDMENTS TO THE CLAIMS

*The following listing of claims replaces all prior versions and listings of claims in this application.*

### **LISTING OF CLAIMS:**

1. (Previously Presented) An absorbent structure in an absorbent article, the absorbent structure comprising a compressed foam material which expands upon wetting, the foam material comprises at least two integrated layers having different mean pore sizes, wherein the layers are formed by placing one on top of the other before they are dry so that the layers partly penetrate into each other so that there is no clear partitioning line between the layers, wherein the foam material is regenerated cellulose.
2. (Previously Presented) The absorbent structure as claimed in claim 1, wherein the foam material contains superabsorbent material.
3. (Previously Presented) The absorbent structure as claimed in claim 2, wherein each layer contains a different amount of superabsorbent materials.
4. (Previously Presented) The absorbent structure as claimed in claim 3, wherein the layer having the largest mean pore size contains the lowest amount of superabsorbent material and the layer having the smallest mean pore size contains the highest amount of superabsorbent material.

5. (Canceled)

6. (Previously Presented) The absorbent structure as claimed in claim 1, wherein the foam material in the different layers may be of different polymers.

7-10. (Canceled)

11. (Previously Presented) An absorbent article comprising a liquid permeable topsheet, a liquid impermeable backsheet and an absorbent structure applied therebetween, wherein the absorbent structure is as claimed in claim 1.

12. (Previously Presented) The absorbent structure as claimed in claim 1, wherein the absorbent article is a diaper, a pant diaper, an incontinence guard, a sanitary napkin, a wound dressing, or a bed protector.

13. (Canceled)

14. (Canceled)

15. (Previously Presented) The absorbent structure as claimed in claim 1, wherein the regenerated cellulose is viscose.

16. (Previously Presented) The absorbent article of claim 11, wherein the absorbent article is a diaper, a pant diaper, an incontinence guard, a sanitary napkin, a wound dressing, or a bed protector.

17. (Previously Presented) An absorbent structure in an absorbent article, the absorbent structure comprising a compressed foam material which expands upon wetting, the foam material comprises a first layer of foam material and a second layer of foam material, wherein the first and second layers have different mean pore sizes, wherein the layers are formed by placing one on top of the other before they are dry so that the layers are integrated so that the foam of the first layer partly penetrates into the foam of the second layer so that there is no clear partitioning line between the layers.

18. (New) An absorbent structure in an absorbent article, the absorbent structure is a compressed foam material which expands upon wetting, the foam material comprises at least two integrated layers having different mean pore sizes, wherein the layers are formed by placing one on top of the other before they are dry so that the layers partly penetrate into each other so that there is no clear partitioning line between the layers, wherein the foam material is regenerated cellulose.